

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Prices

Date: 11/12/2000

| Name Ptid | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CAPITL 61757 | 44.96 3.87 0.00 | 41.48 3.48 0.00 | 49.17 4.28 0.00 | 59.96 5.60 0.00 | 48.14 4.40 0.00 | 38.37 3.28 0.00 | 44.75 3.74 0.00 | 25.87 2.03 0.00 | 40.05 3.39 0.00 | 50.97 4.24 0.00 | 47.88 3.96 0.00 | 49.97 4.13 0.00 | 52.49 4.36 0.00 | 47.56 3.91 0.00 | 50.14 4.06 0.00 | 48.66 4.00 0.00 | 72.00 6.14 0.00 | 58.33 4.67 0.00 | 58.00 4.54 0.00 | 54.11 4.55 0.00 | 56.22 4.53 0.00 | 56.59 4.54 0.00 | 52.35 4.40 0.00 | 47.87 3.90 0.00 |
| CENTRL 61754 | 39.96 -1.13 0.00 | 36.96 -1.04 0.00 | 43.68 -1.20 0.00 | 52.88 -1.48 0.00 | 42.57 -1.17 0.00 | 34.15 -0.95 0.00 | 39.87 -1.14 0.00 | 23.19 -0.65 0.00 | 35.62 -1.03 0.00 | 45.47 -1.26 0.00 | 42.70 -1.22 0.00 | 44.59 -1.25 0.00 | 46.81 -1.31 0.00 | 42.47 -1.19 0.00 | 44.82 -1.26 0.00 | 43.46 -1.19 0.00 | 64.08 -1.78 0.00 | 52.35 -1.31 0.00 | 52.11 -1.35 0.00 | 48.22 -1.34 0.00 | 50.25 -1.44 0.00 | 50.57 -1.48 0.00 | 46.71 -1.23 0.00 | 42.91 -1.06 0.00 |
| DUNWOD 61760 | 43.46 2.37 0.00 | 39.98 1.98 0.00 | 46.91 2.02 0.00 | 56.37 2.01 0.00 | 45.22 1.49 0.00 | 36.61 1.52 0.00 | 42.98 1.97 0.00 | 25.23 1.39 0.00 | 39.20 2.54 0.00 | 49.92 3.19 0.00 | 46.83 2.92 0.00 | 48.84 3.00 0.00 | 51.16 3.04 0.00 | 46.45 2.79 0.00 | 48.99 2.91 0.00 | 47.48 2.83 0.00 | 69.99 4.13 0.00 | 57.16 3.50 0.00 | 56.98 3.52 0.00 | 52.84 3.28 0.00 | 54.88 3.20 0.00 | 55.24 3.19 0.00 | 50.72 2.77 0.00 | 46.51 2.55 0.00 |
| GENESE 61753 | 40.33 -0.75 0.00 | 37.35 -0.65 0.00 | 44.32 -0.57 0.00 | 53.91 -0.45 0.00 | 43.42 -0.32 0.00 | 34.67 -0.43 0.00 | 40.36 -0.65 0.00 | 23.35 -0.50 0.00 | 35.68 -0.98 0.00 | 45.68 -1.05 0.00 | 43.02 -0.89 0.00 | 44.99 -0.84 0.00 | 47.32 -0.81 0.00 | 42.94 -0.71 0.00 | 45.34 -0.74 0.00 | 44.01 -0.64 0.00 | 65.11 -0.76 0.00 | 53.31 -0.34 0.00 | 52.94 -0.52 0.00 | 48.98 -0.59 0.00 | 51.21 -0.47 0.00 | 51.46 -0.59 0.00 | 47.53 -0.42 0.00 | 43.38 -0.58 0.00 |
| H Q 61844 | 40.87 -0.22 0.00 | 37.81 -0.19 0.00 | 44.73 -0.16 0.00 | 54.26 -0.10 0.00 | 43.70 -0.03 0.00 | 34.98 -0.11 0.00 | 40.86 -0.15 0.00 | 23.70 -0.14 0.00 | 36.23 -0.43 0.00 | 46.29 -0.45 0.00 | 43.64 -0.28 0.00 | 45.56 -0.28 0.00 | 47.86 -0.27 0.00 | 43.42 -0.24 0.00 | 45.84 -0.23 0.00 | 44.37 -0.28 0.00 | 65.59 -0.28 0.00 | 53.50 -0.16 0.00 | 53.27 -0.18 0.00 | 49.24 -0.32 0.00 | 51.56 -0.13 0.00 | 51.93 -0.12 0.00 | 47.73 -0.22 0.00 | 41.95 -0.30 1.71 |
| HUD VL 61758 | 42.34 1.26 0.00 | 39.02 1.01 0.00 | 45.82 0.94 0.00 | 55.17 0.81 0.00 | 44.36 0.63 0.00 | 35.85 0.76 0.00 | 42.00 0.99 0.00 | 24.61 0.77 0.00 | 38.13 1.48 0.00 | 48.53 1.79 0.00 | 45.52 1.60 0.00 | 47.47 1.63 0.00 | 49.78 1.65 0.00 | 45.18 1.52 0.00 | 47.66 1.58 0.00 | 46.18 1.53 0.00 | 68.07 2.21 0.00 | 55.60 1.95 0.00 | 55.52 2.06 0.00 | 51.48 1.91 0.00 | 53.47 1.78 0.00 | 53.78 1.73 0.00 | 49.38 1.44 0.00 | 45.30 1.34 0.00 |

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|-----------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| LONGIL 61762 | 44.25 3.16 0.00 | 40.74 2.74 0.00 | 47.85 2.96 0.00 | 57.50 3.14 0.00 | 45.89 2.16 0.00 | 37.26 2.16 0.00 | 43.85 2.84 0.00 | 26.06 1.95 -0.27 | 43.67 3.55 -3.47 | 51.01 4.28 0.00 | 47.79 3.88 0.00 | 49.73 3.89 0.00 | 52.12 3.99 0.00 | 47.26 3.60 0.00 | 49.81 3.73 0.00 | 48.29 3.64 0.00 | 71.51 5.65 0.00 | 120.41 4.94 -61.82 | 139.37 4.86 -81.06 | 135.63 4.45 -81.62 | 61.95 4.42 -5.84 | 56.52 4.40 -0.06 | 51.72 3.77 0.00 | 47.36 3.39 0.00 |
| MHK VL 61756 | 41.91 0.82 0.00 | 38.71 0.71 0.00 | 45.83 0.94 0.00 | 55.70 1.34 0.00 | 44.82 1.09 0.00 | 35.88 0.79 0.00 | 41.97 0.96 0.00 | 24.35 0.51 0.00 | 37.48 0.83 0.00 | 47.77 1.04 0.00 | 44.83 0.91 0.00 | 46.84 1.01 0.00 | 49.20 1.07 0.00 | 44.63 0.97 0.00 | 47.09 1.01 0.00 | 45.66 1.00 0.00 | 67.44 1.58 0.00 | 54.95 1.29 0.00 | 54.66 1.20 0.00 | 50.69 1.12 0.00 | 52.75 1.07 0.00 | 53.07 1.02 0.00 | 49.03 1.09 0.00 | 44.91 0.95 0.00 |
| MILLWD 61759 | 42.91 1.83 0.00 | 39.49 1.49 0.00 | 46.35 1.47 0.00 | 55.72 1.36 0.00 | 44.72 0.98 0.00 | 36.19 1.09 0.00 | 42.47 1.46 0.00 | 24.93 1.08 0.00 | 38.69 2.04 0.00 | 49.27 2.54 0.00 | 46.24 2.32 0.00 | 48.22 2.38 0.00 | 50.52 2.39 0.00 | 45.86 2.20 0.00 | 48.37 2.29 0.00 | 46.87 2.22 0.00 | 69.09 3.23 0.00 | 56.42 2.76 0.00 | 56.25 2.79 0.00 | 52.15 2.59 0.00 | 54.18 2.50 0.00 | 54.52 2.47 0.00 | 50.06 2.11 0.00 | 45.93 1.96 0.00 |
| N.Y.C. 61761 | 44.48 3.39 0.00 | 40.86 2.86 0.00 | 47.88 3.00 0.00 | 57.47 3.11 0.00 | 46.07 2.34 0.00 | 37.33 2.24 0.00 | 43.86 2.85 0.00 | 25.77 1.93 0.00 | 40.13 3.48 0.00 | 51.17 4.44 0.00 | 48.03 4.11 0.00 | 50.11 4.27 0.00 | 52.46 4.33 0.00 | 47.64 3.98 0.00 | 50.24 4.16 0.00 | 48.71 4.05 0.00 | 71.76 5.90 0.00 | 58.61 4.96 0.00 | 58.41 4.96 0.00 | 54.19 4.62 0.00 | 56.27 4.58 0.00 | 56.67 4.62 0.00 | 52.05 4.10 0.00 | 47.66 3.69 0.00 |
| NORTH 61755 | 41.14 0.05 0.00 | 38.05 0.05 0.00 | 45.04 0.16 0.00 | 54.72 0.36 0.00 | 44.07 0.34 0.00 | 35.25 0.16 0.00 | 41.19 0.18 0.00 | 23.86 0.02 0.00 | 36.44 -0.22 0.00 | 46.54 -0.19 0.00 | 43.86 -0.06 0.00 | 45.81 -0.03 0.00 | 48.12 0.00 0.00 | 43.65 -0.01 0.00 | 46.08 0.01 0.00 | 44.62 -0.04 0.00 | 66.02 0.15 0.00 | 53.87 0.22 0.00 | 53.61 0.15 0.00 | 49.54 -0.02 0.00 | 51.84 0.15 0.00 | 52.18 0.13 0.00 | 48.06 0.11 0.00 | 43.96 -0.01 0.00 |
| NPX 61845 | 43.23 2.14 0.00 | 39.87 1.87 0.00 | 47.04 2.16 0.00 | 57.15 2.79 0.00 | 45.89 2.15 0.00 | 36.80 1.70 0.00 | 43.03 2.02 0.00 | 25.00 1.16 0.00 | 38.69 2.04 0.00 | 49.15 2.41 0.00 | 46.13 2.21 0.00 | 48.09 2.25 0.00 | 50.51 2.38 0.00 | 45.80 2.14 0.00 | 48.31 2.24 0.00 | 46.90 2.25 0.00 | 69.24 3.37 0.00 | 56.16 2.50 0.00 | 55.96 2.51 0.00 | 52.17 2.61 0.00 | 54.19 2.51 0.00 | 54.53 2.48 0.00 | 50.34 2.39 0.00 | 44.31 2.11 1.77 |
| O H 61846 | 37.10 -3.96 0.03 | 34.72 -3.28 0.00 | 41.11 -3.78 0.00 | 49.32 -5.04 0.00 | 39.88 -3.86 0.00 | 32.07 -3.03 0.00 | 37.17 -3.84 0.00 | 21.61 -2.23 0.00 | 32.64 -4.01 0.00 | 41.66 -5.07 0.00 | 39.11 -4.81 0.00 | 40.80 -5.03 0.00 | 42.92 -5.21 0.00 | 38.99 -4.67 0.00 | 41.19 -4.89 0.00 | 39.91 -4.74 0.00 | 58.63 -7.24 0.00 | 48.15 -5.50 0.00 | 48.06 -5.40 0.00 | 44.24 -5.32 0.00 | 46.45 -5.23 0.00 | 47.01 -5.04 0.00 | 43.28 -4.66 0.00 | 36.58 -3.95 3.44 |
| PJM 61847 | -1.89 -3.89 39.09 | 4.90 -3.50 29.59 | 2.04 -4.15 38.70 | 2.01 -5.32 47.03 | 4.92 -4.17 34.64 | 5.00 -3.25 26.85 | 5.00 -3.82 32.18 | 5.00 -2.14 16.70 | 5.01 -3.47 28.17 | 7.96 -4.42 34.36 | 5.04 -4.23 34.64 | 7.94 -4.42 33.47 | 5.04 -4.62 38.47 | 5.00 -4.20 34.46 | 5.98 -4.40 35.70 | 5.01 -4.30 35.34 | 5.01 -6.36 54.50 | 5.99 -4.89 42.77 | 6.00 -4.83 42.63 | 5.99 -4.70 38.87 | 6.00 -4.92 40.77 | 6.00 -4.83 41.22 | 6.00 -4.53 37.42 | 6.00 -3.90 34.06 |
| WEST 61752 | 36.94 -4.15 | 34.58 -3.42 | 40.93 -3.95 | 49.08 -5.28 | 39.70 -4.04 | 31.92 -3.17 | 36.98 -4.03 | 21.50 -2.35 | 32.44 -4.22 | 41.43 -5.30 | 38.91 -5.01 | 40.62 -5.22 | 42.76 -5.37 | 38.84 -4.81 | 41.05 -5.03 | 39.79 -4.87 | 58.49 -7.38 | 48.11 -5.55 | 48.00 -5.46 | 44.12 -5.44 | 46.35 -5.33 | 46.93 -5.12 | 43.18 -4.76 | 39.89 |

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